

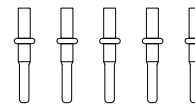
Contact Options

Contacts

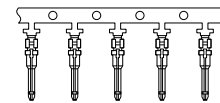
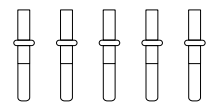
Amphenol offers two types of contacts for use in our products: Solid and Stamped & Formed. Both types of contacts utilize the simple crimp-style termination, requiring no solder usage.



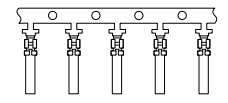
Solid/Machined
Male Pins



Solid/Machined
Female Sockets



Stamped & Formed
Male Pins



Stamped & Formed
Female Sockets

Standard Contacts - Solid Sockets & Pins

| Series | Size | AWG | Type | Part Number | Description |
|--------------|------|-------|-------|----------------|--|
| ATP/AHD-6 | 12 | 12-14 | Solid | AT62-210-1231 | Female Contact - Socket, Gold-plated |
| ATP/AHD-6 | 12 | 12-14 | Solid | AT62-203-12141 | Female Contact - Socket, Nickel-plated |
| AT/AHD-9 | 16 | 14 | Solid | AT62-209-1631 | Female Contact - Socket, Gold-plated |
| AT/AHD-9 | 16 | 14 | Solid | AT62-209-16141 | Female Contact - Socket, Nickel-plated |
| AT/AHD-9 | 16 | 16-20 | Solid | AT62-201-1631 | Female Contact - Socket, Gold-plated |
| AT/AHD-9 | 16 | 16-20 | Solid | AT62-201-16141 | Female Contact - Socket, Nickel-plated |
| ATM | 20 | 20-22 | Solid | AT62-201-2031 | Female Contact - Socket, Gold-plated |
| ATM | 20 | 20-22 | Solid | AT62-201-20141 | Female Contact - Socket, Nickel-plated |
| AT/ATP/AHD-6 | 12 | 12-14 | Solid | AT60-220-1231 | Male Contact - Pin, Gold-plated |
| AT/ATP/AHD-6 | 12 | 12-14 | Solid | AT60-204-12141 | Male Contact - Pin, Nickel-plated |
| AT/AHD-9 | 16 | 14 | Solid | AT60-215-1631 | Male Contact - Pin, Gold-plated |
| AT/AHD-9 | 16 | 14 | Solid | AT60-215-16141 | Male Contact - Pin, Nickel-plated |
| AT/AHD-9 | 16 | 16-20 | Solid | AT60-202-1631 | Male Contact - Pin, Gold-plated |
| AT/AHD-9 | 16 | 16-20 | Solid | AT60-202-16141 | Male Contact - Pin, Nickel-plated |
| ATM | 20 | 20-22 | Solid | AT60-202-2031 | Male Contact - Pin, Gold-plated |
| ATM | 20 | 20-22 | Solid | AT60-202-20141 | Male Contact - Pin, Nickel-plated |

Contact Options

Standard Contacts - Stamped & Formed Sockets & Pins

| Series | Size | AWG | Type | Part Number | Description |
|-----------|------|-------|-------|--------------|--|
| ATP/AHD-6 | 12 | 12-14 | S & F | AT62-12-0166 | Female Contact - Socket, Nickel-plated |
| ATP/AHD-6 | 12 | 12-14 | S & F | AT62-12-0144 | Female Contact - Socket, Gold-plated |
| AT/AHD-9 | 16 | 14-16 | S & F | AT62-14-0122 | Female Contact - Socket, Nickel-plated |
| AT/AHD-9 | 16 | 14-16 | S & F | AT62-14-0144 | Female Contact - Socket, Gold-plated |
| AT/AHD-9 | 16 | 16-18 | S & F | AT62-16-0122 | Female Contact - Socket, Nickel-plated |
| AT/AHD-9 | 16 | 16-18 | S & F | AT62-16-0144 | Female Contact - Socket, Gold-plated |
| AT/AHD-9 | 16 | 18-20 | S & F | AT62-16-0622 | Female Contact - Socket, Nickel-plated |
| AT/AHD-9 | 16 | 18-20 | S & F | AT62-16-0644 | Female Contact - Socket, Gold-plated |
| ATM | 20 | 16-22 | S & F | AT62-20-0122 | Female Contact - Socket, Nickel-plated |
| ATM | 20 | 16-22 | S & F | AT62-20-0144 | Female Contact - Socket, Gold-plated |

| | | | | | |
|-----------|----|-------|-------|--------------|-----------------------------------|
| ATP/AHD-6 | 12 | 12-14 | S & F | AT60-12-0166 | Male Contact - Pin, Nickel-plated |
| ATP/AHD-6 | 12 | 12-14 | S & F | AT60-12-0144 | Male Contact - Pin, Gold-plated |
| AT/AHD-9 | 16 | 14-16 | S & F | AT60-14-0122 | Male Contact - Pin, Nickel-plated |
| AT/AHD-9 | 16 | 14-16 | S & F | AT60-14-0144 | Male Contact - Pin, Gold-plated |
| AT/AHD-9 | 16 | 16-18 | S & F | AT60-16-0122 | Male Contact - Pin, Nickel-plated |
| AT/AHD-9 | 16 | 16-18 | S & F | AT60-16-0144 | Male Contact - Pin, Gold-plated |
| AT/AHD-9 | 16 | 18-20 | S & F | AT60-16-0622 | Male Contact - Pin, Nickel-plated |
| AT/AHD-9 | 16 | 18-20 | S & F | AT60-16-0644 | Male Contact - Pin, Gold-plated |
| ATM | 20 | 16-22 | S & F | AT60-20-0122 | Male Contact - Pin, Nickel-plated |
| ATM | 20 | 16-22 | S & F | AT60-20-0144 | Male Contact - Pin, Gold-plated |

Specialty Contacts - DiagnosticGrade™ Solid Sockets & Pins

Smaller AWG for diagnostic applications; Gold-plated; increased mating cycles; cost-effective.

| Series | Size | AWG | Type | Part Number | Description |
|-----------|------|-----|-------|-------------|---|
| ATP/AHD-6 | 12 | 20 | Solid | 65-54748 | Female Contact - Socket, DiagnosticGrade, Gold-plated |
| AT/AHD-9 | 16 | 20 | Solid | 65-54757 | Female Contact - Socket, DiagnosticGrade, Gold-plated |
| ATP/AHD-6 | 12 | 20 | Solid | 65-54749 | Male Contact - Pin, DiagnosticGrade, Gold-plated |
| AT/AHD-9 | 16 | 20 | Solid | 65-54756 | Male Contact - Pin, DiagnosticGrade, Gold-plated |

Specialty Contacts - RockSolid™ Solid Sockets

Contact area extends 360 around pins; low insertion/extraction forces; immune to shock/vibration; longer contact life.

| | | | | | |
|----------|----|----|-------|-------------|------------------------------------|
| AT/AHD-9 | 16 | 14 | Solid | 65-54942-14 | Female Contact - Socket, RockSolid |
| AT/AHD-9 | 16 | 16 | Solid | 65-54942-16 | Female Contact - Socket, RockSolid |
| AT/AHD-9 | 16 | 20 | Solid | 65-54942-20 | Female Contact - Socket, RockSolid |

Seal Plugs



| | | | | | |
|------------|----|-------|---|---------------|-------------------|
| AT/ATP/AHD | 16 | 12-16 | - | A114017 | Seal Plugs, White |
| AT-SR01 | 16 | 16 | - | A114017-SR | Seal Plugs, Black |
| ATM | 20 | 20 | - | AT13-204-2005 | Seal Plugs, White |